

WHAT IS CLAIMED IS:

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A 1. A multichannel-type radio frequency modulation circuit
for a set-top box, comprising:

5 a switch turned on/off in response to a switching voltage
for passing/blocking a radio frequency signal from a radio
frequency input terminal to a radio frequency output terminal;

modulation means enabled in response to operating voltages
for modulating input audio signals and video signals into
10 television signals at a plurality of channels, respectively; and

a mixer for mixing the television signals modulated by said
modulation means respectively with the radio frequency signal
passed by said switch and outputting the resulting signals
respectively to connected televisions via said radio frequency
15 output terminal.

2. The multichannel-type radio frequency modulation circuit
as set forth in Claim 1, wherein said modulation means includes a
plurality of modulators, each of said modulators being enabled in
20 response to a corresponding one of said operating voltages to
modulate a corresponding one of said input audio signals and a
corresponding one of said input video signals into a corresponding
one of said television signals at said plurality of channels, said
plurality of channels being set to be independent of one another.

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